Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(("4"."754"."310") or ("5"."216". "275")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 11:48
S2	10	(("4409725") or ("4763180") or ("4878096") or ("4879255") or ("5523966") or ("4261761") or ("4402761") or ("4621412") or ("4825420") or ("4969020")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 11:49
S3	40	(("5198687") or ("5202750") or ("5293054") or ("5294816") or ("5296725") or ("5306930") or ("5315150") or ("5336911") or ("5444272") or ("5489787") or ("5510623") or ("5623151") or ("5663079") or ("5719411") or ("5757034") or ("5793066") or ("4281544") or ("4288806") or ("4349743") or ("4384217") or ("4388541") or ("4414560") or ("4420379") or ("4494304") or ("4505759") or ("4538117") or ("4547791") or ("4575642") or ("4580154") or ("4631748") or ("4783694") or ("4786830") or ("4866315") or ("4887142") or ("4921811") or ("4941030") or ("4950616") or ("4954731") or ("4959703") or ("4965872")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 11:54
S4	64	superjunction	US-PGPUB; USPAT	OR	OFF	2004/03/12 13:08
S5	185	fujihira.in.	US-PGPUB; USPAT	OR	OFF	2004/03/12 12:04
S6	117	S5 and semiconductor	US-PGPUB; USPAT	OR	OFF	2004/03/12 12:12
S7	1309	257/330	US-PGPUB; USPAT	OR	OFF	2004/03/12 12:12
S8	14	S7 and S4	US-PGPUB; USPAT	OR	OFF	2004/03/12 12:12
S9	11	("20020105026" | "4626879" | "4754310" | "4963947" | "5168328" | "5216275" | "5264719" | "5294824" | "5438215" | "6097063" | "6184555").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 12:55
S10	27	superjunction	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/12 13:46
S11	3	jp-07086580-$.did. or jp-07245410-$.did. or ep-0053854-$.did. or ep-0164096-$.did.	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/12 13:47

S12	24	("3171068" | "3370209" | "3413527" | "3417301" | "3515952" | "3660732" | "3925803" | "4109270" | "4117508" | "4132904" | "4134123" | "4160261" | "4163237" | "4163241" | "4219835" | "4296429" | "4320410" | "4379305" | "4404575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/12 13:48
S13	70	("4754310").URPN.	USPAT	OR	OFF	2004/03/12 13:51

No.	Publication No.	Title
1.	2003 - 264286	METHOD FOR MANUFACTURING SUPERJUNCTION SEMICONDUCTOR ELEMENT
2.	2003 - 229569	MANUFACTURING METHOD FOR SUPERJUNCTION SEMICONDUCTOR ELEMENT
3.	2003 - 115588	LATERAL SUPERJUNCTION SEMICONDUCTOR DEVICE
4.	2003 - 101037	SEMICONDUCTOR ELEMENT
5.	2003 - 101022	POWER SEMICONDUCTOR DEVICE
6.	2003 - 069040	SILICON CARBIDE SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF
7.	2002 - 217415	HIGH-VOLTAGE PERPENDICULAR CONDUCTIVE SUPERJUNCTION SEMICONDUCTOR DEVICE
8.	2002 - 203963	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE
9.	2002 - 134748	SUPERJUNCTION SEMICONDUCTOR DEVICE
10.	2002 - 110693	DIAGONAL INJECTION METHOD FOR EXECUTION OF DOPING TO SIDEWALL OF DEEP POROUS TRENCH
11.	2001 - 313391	SEMICONDUCTOR DEVICE
12.	2001 - 015752	SUPERJUNCTION SEMICONDUCTOR ELEMENT AND MANUFACTURE THEREOF
13.	2000 - 277726	HIGH BREAKDOWN STRENGTH SEMICONDUCTOR ELEMENT
14.	2000 - 156978	SOFT SWITCHING CIRCUIT
15.	2000 - 040822	SUPERJUNCTION SEMICONDUCTOR ELEMENT AND ITS MANUFACTURE

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10/649,929 on March 09, 2004

Combined Classifications

10	257/E29.214	2	257/273
10	257/E29.216	2	257/332
7	257/133	2	257/341
5	257/137	2	257/342
5	257/370	2	257/371
5	257/378	2	257/382
4	257/132	2	257/402
4	257/138	2	257/409
4	257/146	2	257/768
4	257/163	2	257/E21.417
4	257/401	2	257/E21.538
4	257/E21.696	2	257/E21.544
4	257/E27.031	2	257/E21.632
4	257/E29.048	2	257/E29.037
4	257/E29.198	2	257/E29.067
3	257/152	2	257/E29.194
3	257/335	2	257/E29.212
3	257/338	2	257/E29.219
3	257/E27.015	2	257/E29.256
3	257/E27.064	2	327/434
3	257/E29.257	2	327/566
3	438/207	2	365/204
2	257/139	2	438/226
2	257/144	2	438/271
2	257/154	2	438/450
2	257/155	2	438/586

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10/649,929 on March 09, 2004

7 257/133   (3 OR, 4 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/111　　　　　..Triggered by V BO overvoltage means
　　　　257/133　　　　　.Combined with field effect transistor

5 257/137   (3 OR, 2 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/111　　　　　..Triggered by V BO overvoltage means
　　　　257/133　　　　　.Combined with field effect transistor
　　　　257/137　　　　　..Having controllable emitter shunt

5 257/370   (1 OR, 4 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/264　　　　　...Enhancement mode or with high resistivity
　　　　　　　　channel (e.g., doping of 10 15 cm -3 or less)
　　　　257/288　　　　　.Having insulated electrode (e.g., MOSFET, MOS
　　　　　　　　diode)
　　　　257/368　　　　　..Insulated gate field effect transistor in
　　　　　　　　integrated circuit
　　　　257/369　　　　　...Complementary insulated gate field effect
　　　　　　　　transistors
　　　　257/370　　　　　....Combined with bipolar transistor

5 257/378   (1 OR, 4 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/264　　　　　...Enhancement mode or with high resistivity
　　　　　　　　channel (e.g., doping of 10 15 cm -3 or less)
　　　　257/288　　　　　.Having insulated electrode (e.g., MOSFET, MOS
　　　　　　　　diode)
　　　　257/368　　　　　..Insulated gate field effect transistor in
　　　　　　　　integrated circuit
　　　　257/378　　　　　...Combined with bipolar transistor

4 257/132   (1 OR, 3 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/111　　　　　..Triggered by V BO overvoltage means
　　　　257/132　　　　　.Five or more layer unidirectional structure

4 257/138   (1 OR, 3 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/111　　　　　..Triggered by V BO overvoltage means
　　　　257/133　　　　　.Combined with field effect transistor
　　　　257/137　　　　　..Having controllable emitter shunt
　　　　257/138　　　　　...Having gate turn off (GTO) feature

4 257/146   (0 OR, 4 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES
　　　　257/111　　　　　..Triggered by V BO overvoltage means
　　　　257/146　　　　　.Combined with other solid-state active device
　　　　　　　　in integrated structure

4 257/163   (1 OR, 3 XR)
　　　　Class 257 : ACTIVE SOLID-STATE DEVICES

PLUS Search Results for S/N 10/649,929, Searched March 09, 2004 (Top 50)

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA:

4409725	5198687	5510623	4388541	4783694
4763180	5202750	5623151	4414560	4786830
4878096	5293054	5663079	4420379	4866315
4879255	5294816	5719411	4494304	4887142
5523966	5296725	5757034	4505759	4921811
4261761	5306930	5793066	4538117	4941030
4402761	5315150	4281544	4547791	4950616
4621412	5336911	4288806	4575642	4954731
4825420	5444272	4349743	4580154	4959703
4969020	5489787	4384217	4631748	4965872